

Municipality/Organization: City of Holyoke

EPA NPDES Permit Number:

MaDEP Transmittal Number: W- W 036404

Annual Report Number & Reporting Period: No. 2: March 04-March 05

NPDES PII Small MS4 General Permit Annual Report

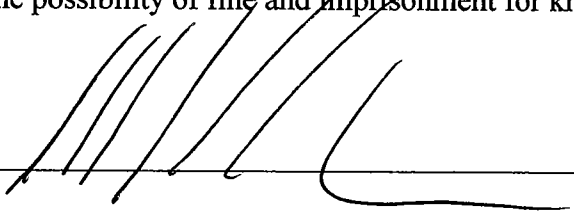
Part I. General Information

Contact Person: William D. Fuqua **Title:** General Superintendent

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Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: 

Printed Name: Michael J. Sullivan

Title: Mayor

Date: 12-27-06

Part II. Self-Assessment

The City of Holyoke has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions except the following provisions:

HOL-PE-3 Web Site
HOL-PE-6 Bilingual Stormwater Flyers
HOL-PP-1b Stenciling
HOL-IDD-1B Outfall Inspections

The above items were not completed this year due to a shortage of staff during the year. Efforts are underway to fund and hire an inspector for the department to comply with permit requirements.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
HOL-PE-1 Revised	Stream BMP Letter	Conservation / A. Zoeller	Mail letters to abutters	Letter mailed to Green Brook abutters	Mail Letters to abutters
HOL-PE-1a Revised	Stream BMP Pamphlet	Conservation / A. Zoeller	Distribute 200 Pamphlets	Pamphlet printed and made available accessible to the public in municipal offices	Distribute pamphlets.
HOL-PE-2a Revised	Snow Handling Policy	Conservation / A. Zoeller	Policy Developed	No action required	No action required
HOL-PE-2b Revised	Snow Handling Press Release	Conservation / A. Zoeller	Distribute to 10 Outlets	Issued updated release to media outlets.	Issue updated release.
HOL-PE-3 Revised	Web Site	DPW / W. Fuqua	Update Web Site	No action taken..	Conservation Commission to include NPDES Phase II material as part of their Web page.
HOL-PE-4 Revised	Recycling Brochure	DPW / W. Fuqua	Distribute 5000 Brochures	The Department received a grant to continue the production and mailing. 5,000 brochures mailed in Spring.	Distribute updated brochures..
HOL-PE-5 Revised	Hazardous Waste Collection	DPW / W. Fuqua	One collection day/year	One collection day held.	Hold one collection day
HOL-PE-6 Revised	Bilingual Stormwater Brochure	DPW / W. Fuqua	Distribute 5000 Brochures	No action taken	Distribute brochures

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
HOL-PP-1a Revised	Storm Drain Stenciling Development	DPW / W. Fuqua	Develop program – Year 1	Monitor program and consider implementation methods.	No Action Required.
HOL-PP-1b	Storm Drain Stenciling	DPW / W. Fuqua		No Action Taken.	Stencil 50% inlets
HOL-PP-1c Revised	Storm Drain Stenciling Maintenance	DPW / W. Fuqua		No Action Required	No Action Required
HOL-PP-2 Revised	Stormwater Public Meeting	Conservation/ A. Zoeller	Host two meetings annually	Two meetings were held with the Conservation Commission.	Conduct two public meetings.
Revised					
Revised					
Revised					
Revised					

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
HOL-IDD-1a Revised	Storm Drain Mapping	DPW / W. Fuqua	Develop map – Year 1	Modify mapping as required by new development or system improvements. Modifications were completed as part of grant received to develop and Integrated Water Resources Management Plan.	No Action Required.
HOL-IDD-1b Revised	Outfall Inspections	DPW / W. Fuqua	Inspect 20% outfalls annually	No Action Taken.	Inspect 20% of outfalls
HOL-IDD-1c Revised	Stormwater Ordinance Revision	DPW / W. Fuqua	Ordinance Reviewed	Ordinance Reviewed	No Action Required.
HOL-IDD-1d Revised	Detection Plan	DPW / W. Fuqua	Plan Completed	No Further Action Taken.	No Action Required.
HOL-IDD-1e Revised	Elimination of Illicit Connections	DPW / W. Fuqua	Eliminate 50% of Connections	No Action Required	Eliminate connections.
Revised					

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
HOL- CSRC- 1 Revised	Erosion Control Ordinance	DPW / W. Fuqua		Ordinance Reviewed.	No Action Required.
HOL- CSRC- 2a Revised	Inspection Plan	DPW / W. Fuqua		No Action Required	Develop inspection plan.
HOL- CSRC- 2b Revised	Site Inspections	DPW / W. Fuqua		No Action Required	Inspect new construction sites.
Revised					
Revised					
Revised					

5. Post-Construction Stormwater Management in New Development and Redevelopment

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
HOL-PCRC-1a Revised	Basin Inventory	Conservation / A. Zoeller	Inventory All Existing Basins	Inventory updated with new developments.	Update inventory as needed
HOL-PCRC-1b Revised	Annual Inspections	Conservation / A. Zoeller	Inspect 50% of Basins/yr.	≥50% of known basins inspected.	All known basins inspected
HOL-PCRC-1c Revised	Basin Inventory Follow-up	Conservation / A. Zoeller	Letters to Non-Compliant Owners	There were three informal communications with basin owners	Issue letters of non-compliance to owners.
HOL-PCRC-2 Revised	Stormwater Ordinance	DPW / W. Fuqua		No Action Required	Review and revise ordinance.
Revised					
Revised					

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
HOL-MGH-1 Revised	Storm Drain Mapping	DPW / W. Fuqua	Develop Map – Year 1	Modify mapping as required by new development or system improvements.	No Action Required.
HOL-MGH-2a Revised	Emergency Plans	DPW / W. Fuqua	Revise Plan & Train	Plan updated. training on-going	No Action Required.
HOL-MGH-2b Revised	Pollution Prevention Plan	DPW / W. Fuqua	Offer Plan & Training	No Action Required	Provide plan and train.
HOL-MGH-3a Revised	Catch Basin Cleaning Program	DPW / W. Fuqua	Develop Plan	No Action Required	No Action Required
HOL-MGH-3b Revised	Catch Basin Cleaning Program	DPW / W. Fuqua	Clean All Basins	Continue cleaning schedule. Collect data on number cleaned and volume collected.	Continue cleaning schedule. Collect data on number cleaned and volume collected.
HOL-MGH-4a Revised	Street Sweeping Program	DPW / W. Fuqua	Develop Plan	No Action Required	No Action Required
HOL-MGH-4b Revised	Street Sweeping Program	DPW / W. Fuqua	Sweep All Streets	Continue program.	Continue program.
HOL-MGH-5 Revised	Illegal Dumping Ordinance	DPW / W. Fuqua	Review/Revise Ordinance	Review/Revise Ordinance	Review/Revise Ordinance

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) << if applicable >>

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
Revised					
Revised					
Revised					
Revised					
Revised					
Revised					

Part IV. Summary of Information Collected and Analyzed

Nothing further to report here.

Part V. Program Outputs & Accomplishments (OPTIONAL)

Programmatic

Stormwater management position created/staffed	(y/n)	N
Annual program budget/expenditures	(\$)	

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	
Stormwater management committee established	(y/n)	N
Stream teams established or supported	(# or y/n)	N
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	Y
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	1
▪ community participation	(%)	
▪ material collected	(tons or gal)	
School curricula implemented	(y/n)	N

Legal/Regulatory

	In Place Prior to Phase II	Under Review	Drafted	Adopted
Regulatory Mechanism Status (indicate with "X")				
▪ Illicit Discharge Detection & Elimination	X			
▪ Erosion & Sediment Control	X			
▪ Post-Development Stormwater Management	X			
Accompanying Regulation Status (indicate with "X")				
▪ Illicit Discharge Detection & Elimination		X		
▪ Erosion & Sediment Control	X			
▪ Post-Development Stormwater Management	X			

Mapping and Illicit Discharges

Outfall mapping complete	(%)	100
Estimated or actual number of outfalls	(#)	139
System-Wide mapping complete	(%)	90
Mapping method(s)		
▪ Paper/Mylar	(%)	
▪ CADD	(%)	100
▪ GIS	(%)	
Outfalls inspected/screened	(# or %)	
Illicit discharges identified	(#)	
Illicit connections removed	(#)	
	(est. gpd)	
% of population on sewer	(%)	70
% of population on septic systems	(%)	30

Construction

Number of construction starts (>1-acre)	(#)	
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	
Site inspections completed	(# or %)	
Tickets/Stop work orders issued	(# or %)	
Fines collected	(# and \$)	
Complaints/concerns received from public	(#)	

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	100
Site inspections completed	(# or %)	
Estimated volume of stormwater recharged	(gpy)	

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	
Total number of structures cleaned	(#)	
Storm drain cleaned	(LF or mi.)	
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		Compost
Cost of screenings disposal	(\$)	80

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	1
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	
Qty. of sand/debris collected by sweeping	(lbs. or tons)	
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Compost
Cost of sweepings disposal	(\$)	29
Vacuum street sweepers purchased/leased	(#)	1
Vacuum street sweepers specified in contracts	(y/n)	

Reduction in application on public land of: ("N/A" = never used; "100%" = elimination)	
▪ Fertilizers	(lbs. or %)
▪ Herbicides	(lbs. or %)
▪ Pesticides	(lbs. or %)

Anti-/De-Icing products and ratios	% NaCl % CaCl ₂ % MgCl ₂ % CMA % Kac % KCl % Sand	25
Pre-wetting techniques utilized	(y/n)	N
Manual control spreaders used	(y/n)	Y
Automatic or Zero-velocity spreaders used	(y/n)	N
Estimated net reduction in typical year salt application	(lbs. or %)	
Salt pile(s) covered in storage shed(s)	(y/n)	Y
Storage shed(s) in design or under construction	(y/n)	N